

# FRANK MITTERMEIER

## INCORPORATED

IMPORTERS OF THE WORLDS FINEST TOOLS AND EQUIPMENT SINCE 1936

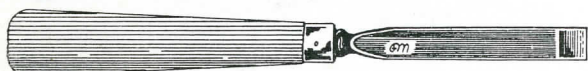


TOOLS FOR WOOD CARVERS, SCULPTORS AND ENGRAVERS

IMPORTED GERMAN CARVING TOOLS • WOOD & LINOLEUM BLOCK CUTTING TOOLS  
CABINET MAKER & CARPENTER CHISELS, GOUGES & RASPS • STEEL PLASTER TOOLS

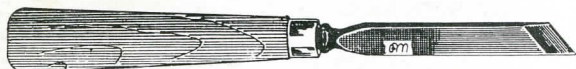
Tools listed on this page are the short or amateur type and are known under the trade-name "Dastra" *FM*. These tools are in and outside highly polished

and come supplied with attached round handles. Length of blade from 3¼" to 4½", depending on width and form of tool.



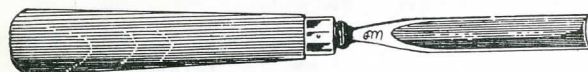
**Chisel No. 101**

Width from 2 to 12 mm..... each \$1.80



**Skew Chisel No. 102**

Width from 2 to 12 mm..... each \$1.80



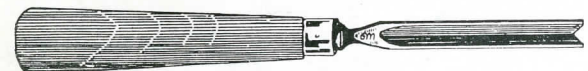
**Gouge No. 104 shallow sweep**

Width from 2 to 12 mm..... each \$2.45



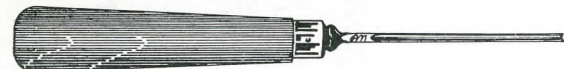
**Gouge No. 105 med. sweep**

Width from 2 to 12 mm..... each \$2.45



**Parting (V) Tool, No. 106**

Width from 1 to 10 mm..... each \$2.70



**Gouge No. 107 deep sweep**

Width from 1 to 12 mm..... each \$2.70



**Spoon Chisel No. 103**

Width from 2 to 10 mm..... each \$ 2.10



**Spoon Skew Chisel No. 103S Right or Left**

Width from 2 to 10 mm..... each \$2.10



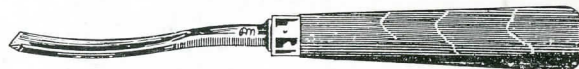
**Long Bend Gouge No. 105½**

Width from 2 to 10 mm..... each \$2.65



**Spoon Gouge No. 105¼**

Width from 2 to 10 mm..... each \$2.85



**Long Bend Parting (V) Tool No. 106½**

Width from 1 to 8 mm..... each \$3.00



**Spoon Parting (V) Tool No. 106¼**

Width from 2 to 8 mm..... each \$3.15

The illustrated and listed carving tools, carpenter chisels and gouges, block cutting tools and chip knives are the products of the world famous manufacturers, "David Strasmann & Co.", who since 1835 have specialized in the making of top grade woodworking tools.

For over a hundred years, have the leading woodcarvers, sculptors, wood-block printers,

art schools and institutes requested Strasmann carving tools.

Three Generations Know-How, backed up by experienced workmen and the use of the finest steel — hardened and deep tempered for Life-long service — guarantees the best carving tools obtainable.

Long or Professional Carvers type supplied without handles.

The cutting edges are bevel ground, the tools are highly polished at the inside and priced right.



Chisel No. 1



Skew Chisel No. 2



Straight Gouges Nos. 3, 4, 5, 6, 7, 8, 9, 10, 11



Long Bend Gouges Nos. 12, 13, 14, 15, 16, 17, 18, 19, 20



Spoon Chisel No. 21


Spoon Chisel No. 22 Right Skew, No. 23 Left Skew



Spoon Gouges Nos. 24, 25, 26, 27, 28, 29, 30, 31, 32



Back Bend Gouges Nos. 33, 34, 35, 36, 37, 38

They are known under the trade mark   
Length of blade from 4¼" to 6", depending on width and form of tool.



Straight Parting (V) Tools Nos. 39, 41, 45



Long Bend Parting Tools Nos. 40, 42, 46



Spoon Parting Tools Nos. 43, 44



Fish Tail Chisel No. 48



Fish Tail Gouges No. 48-G

Available in 6 different sweeps, corresponding to Nos. 3, 4, 5, 6, 7 and 8 of Straight Gouges.



Box or Macaroni Tool No. 50



Curved V Tool No. 49

Widths	1 mm	2-10 mm	12-14 mm	16-18 mm	20-22 mm	25 mm	30 mm	35 mm	40 mm
No. 1-2	@ \$	1.80	2.15	2.30	2.70	3.15	3.90	4.65	5.25
3-8	@ \$	2.30	2.70	3.00	3.45	3.75	4.65	5.25	6.00
9-11	@ \$3.30	2.70	3.00	3.45	4.20	4.95	6.90	8.85	11.55
12-17	@ \$	2.70	3.00	3.45	4.20	4.95	5.70	6.60	
18-20	@ \$3.60	3.00	3.30	3.60	4.65	5.65	7.05	9.60	
21-23	@ \$	2.30	2.70	3.15	3.75	4.65	5.20	6.75	
24-29	@ \$	2.70	3.00	3.30	4.20	5.25	6.75	8.95	
30-32	@ \$3.60	3.00	3.30	3.90	4.65	5.70	7.20	9.30	
33-38	@ \$	2.70	3.00	3.30	4.20	5.25	6.90	8.10	
39, 41, 45	@ \$3.90	3.30	3.90	4.50	6.45	8.25	9.90	11.85	
40, 42, 46	@ \$4.55	3.60	4.20	5.25	7.20	9.30	11.25	13.20	
43, 44	@ \$4.95	3.90	4.65	5.65	7.95	9.90	11.85	13.80	
48, 48G	@ \$	3.90	4.20	4.95	5.25	5.70	6.00	6.60	
50	Width 6, 9 and 12 mm @ \$6.45				No. 49	Width 6, 9, 12 mm @ \$6.00			

#### Sharpening and honing of professional tools

Chisels	up to 22 mm 35c	25 to 40 mm 45c	50 to 80 mm 60c
Gouges	up to 22 mm 45c	25 to 40 mm 55c	50 to 80 mm 70c
V Tools	up to 18 mm 50c	20 to 35 mm 65c	

No. 49 Curved V tool and No. 50 Box tool S .75

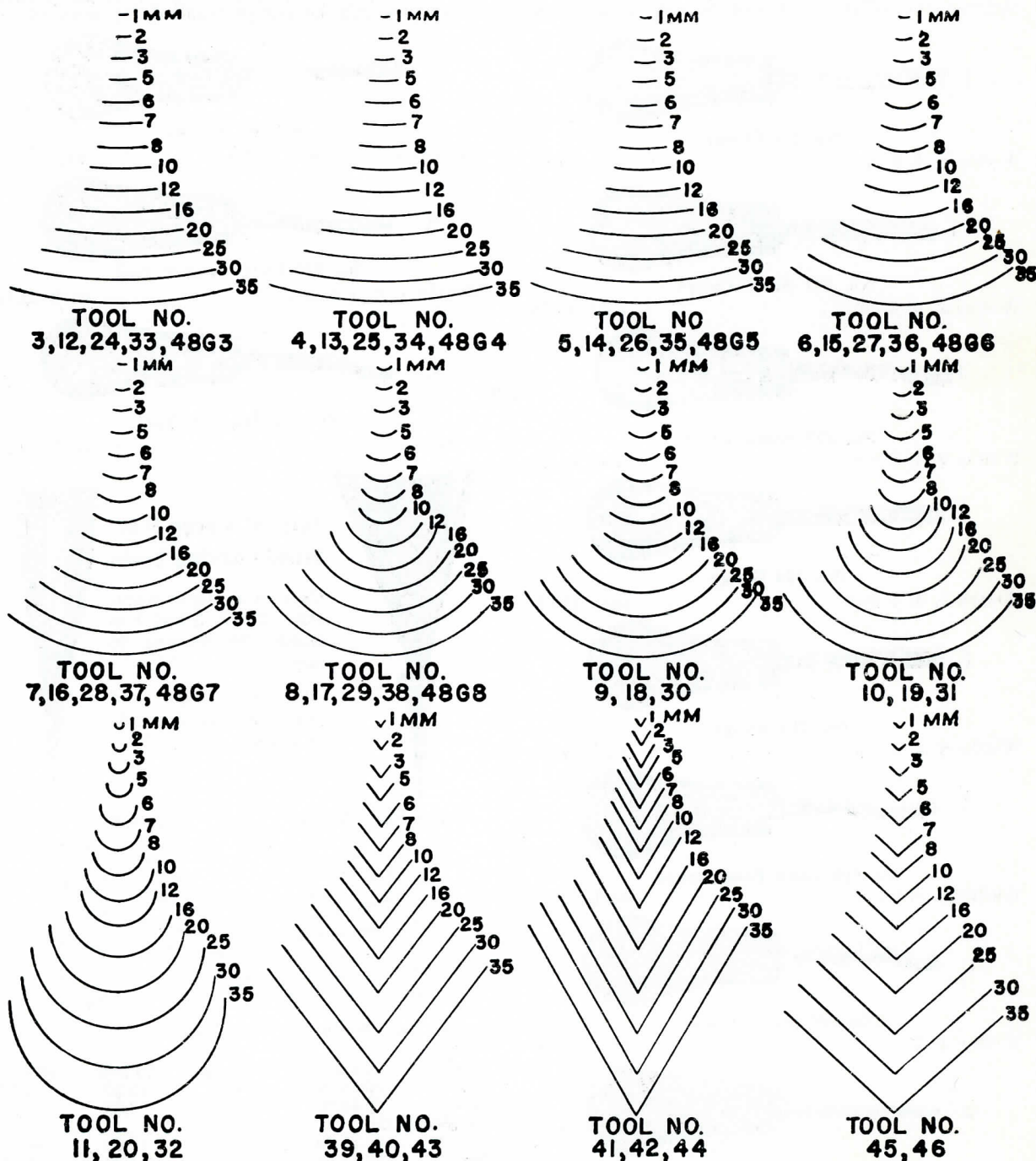




## Carving Tool Chart

This chart shows the sizes and sweeps (form of cutting edge) of the professional carving tools. The number at the right of the drawings indicates the tool's width in mm—millimeter. The numbers below the drawings are the tool numbers of the

different types—Straight No. 3 to 11, 39, 41, 45 and 48G 3 to 8. Long Bend No. 12 to 20, 40, 42 and 46, Spoon No. 24 to 32, 43 and 44, Back Bend No. 33 to 38—in which the above sweeps are obtainable.

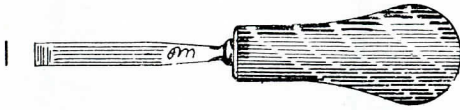


## Block Cutting Tools

For several hundred years, fine detailed prints and most illustrations in books and the type from which the books were printed were hand cut in wood.

Today an easier to cut material "linoleum" has taken the place of wood. Simple and beautiful pictures and illustrations can be cut in linoleum

and several thousand prints can be made from it. Wood blocks are preferred, where detailing and fine shading is desired, which cannot be done in linoleum. Regardless what material you use, first class cutting tools — in a variety of shapes — are needed. The approx. overall length is 5½". They are ground sharp and only honing is required for keen edges.



**No. 201 Chisel**

Widths 2, 4, 6 mm.....each \$1.35



**No. 202 Skew Chisel**

Widths 2, 4, 6 mm.....each \$1.35



**No. 203 Spoon Chisel**

Widths 2, 4, 6 mm.....each \$1.65



**No. 204 Gouge**

Widths 2, 4, 6 mm.....each \$1.65



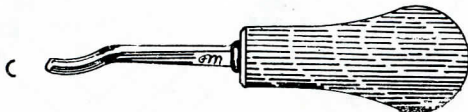
**No. 205 Gouge**

Widths 3, 4, 6 mm.....each \$1.65



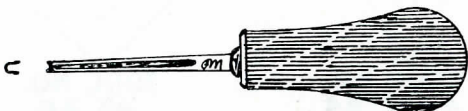
**No. 206 Long Bend Gouge**

Widths 1, 4, 6 mm.....each \$1.80



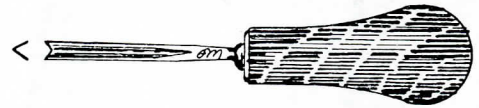
**No. 207 Spoon Gouge**

Widths 1, 4, 6 mm.....each \$1.80



**No. 208 Groove Gouge**

Widths 1, 2 mm.....each \$1.80



**No. 209 V Tool**

Widths 1, 3, 4, 5 and 6 mm.....each \$1.80



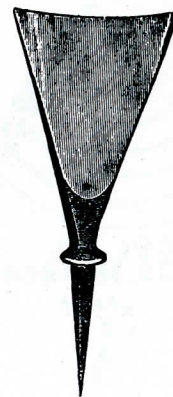
**No. 210 Long Bend V Tool**

Widths 1, 2, 3, 5 mm.....each \$2.15

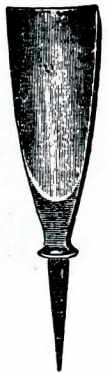


**No. 211 Spoon V Tool**

Widths 1, 3, 5 mm.....each \$2.15



Swiss Style No. 51

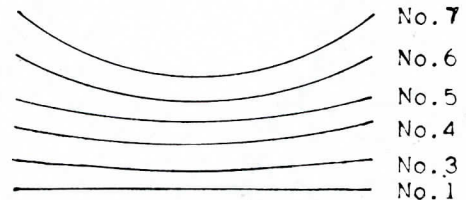


Tiroler Style No. 52

### Special Large Size Wood Carving Tools

Carried in stock: Swiss style, No. 3, 5 and 7 in widths 50, 60 and 70 mm.

All other sizes and sweeps and Tiroler style on special order only.



### Large Size Wood Carving Tools

#### Swiss

Widths	50 mm	60 mm	70 mm	80 mm
No. 3-7 .....	@ \$6.90	7.85	10.50	11.85
No. 1 .....	@ \$6.00	7.25	7.85	10.50

#### Tiroler Style

No. 1 .....	@ \$7.45	9.00	11.85	16.50
No. 3-7 .....	@ \$9.00	11.85	14.70	18.15

Swiss blade Length approx. 100 mm

Tiroler blade length approx. 150 mm



## Chip Carving and Bench Knives

For chip carving, the simplest form of carving — an old art but always interesting hobby, for inlaying of gunstocks, inlaying of wood, pattern and model making, board and displaycard cutting or just plain whittling, you'll find a suitable knife illustrated. These are top quality knives, keeping a keen edge under hard usage. They are ground sharp and need only honing before use.

No. 108  
\$1.35



No. 109  
\$1.50



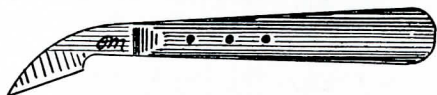
No. 111  
\$1.50



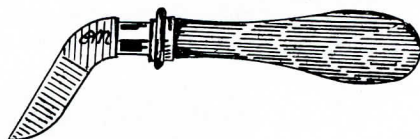
No. 112  
\$1.65



No. 113  
\$1.50



No. 114  
\$1.65



No. 115  
\$2.15



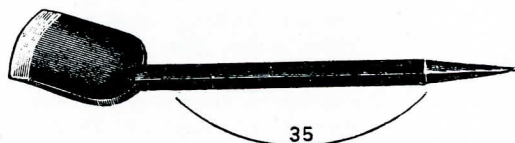
No. 116  
\$1.20



No. 212  
\$1.35



No. 212 Contour Knife



Violin Maker Gouge No. 514

Width 35 mm

@ \$7.95

## Carpenters Chisels and Gouges

The firmer chisels and gouges are made of a special alloy steel, which will keep a lasting keen edge under hard use in tough woods.

The steel is highly polished and the cutting edge ground sharp. The cherry-wood handle is fitted with a blued steel ring and a 3 ply leather top. These are first quality chisels and gouges for the discriminating carpenter and cabinet maker, who wants and needs the best tools obtainable.



Beveled Firmer Chisel No. 400						
Widths mm	4, 6, 8, 10	13	16	20	26	30
Price each	\$2.70	3.15	3.30	3.60	4.05	4.80



Firmer Gouge No. 401						
Widths mm	4, 6, 8, 10	13	16	20	26	30
Price each	\$3.30	3.60	3.75	4.50	4.80	5.25

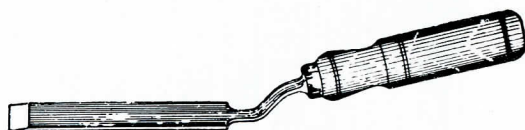
## Pattern Maker Chisels and Gouges



Pattern Maker Gouge No. 406  
Inside Ground

These gouges are available in following sweeps No. 4, 6 and 8 (see chart on page 3) cutting edges bevel ground and highly polished at the outside.

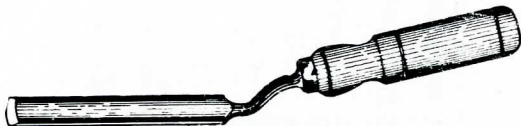
Widths mm	2-10	12-14	16-18	20-22	25	30
Price each	\$3.00	3.75	3.90	4.20	4.65	5.25



Pattern Maker Chisel No. 415

Bent Shank with Handle

Width mm	4, 6, 8, 10	13	16	19	22	26	30
Price each	\$5.40	5.90	6.40	6.90	7.35	7.65	8.70



Pattern Maker Gouge No. 415 1/2

Inside Ground, bent shank with Handle

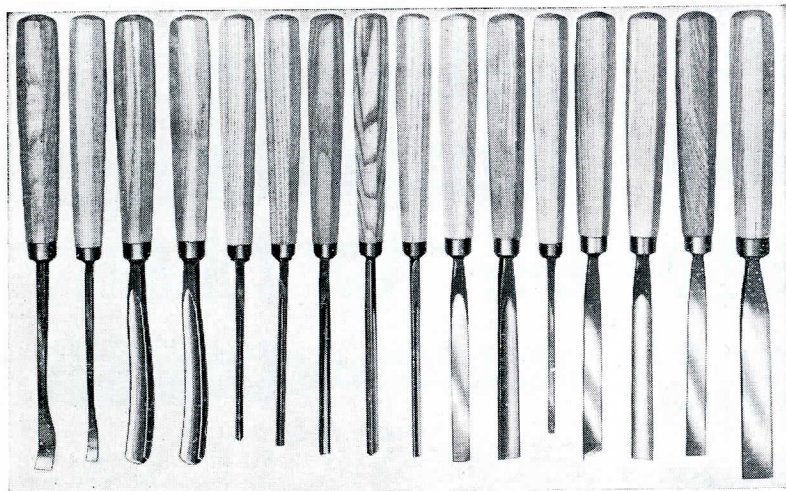
Available in sweeps No. 4, 6 and 8, cutting edges bevel ground and highly polished at the outside.

Width mm	4, 6, 8, 10	13	16	19	22	26	30
Price each	\$7.05	7.80	8.40	8.70	9.15	9.75	10.80

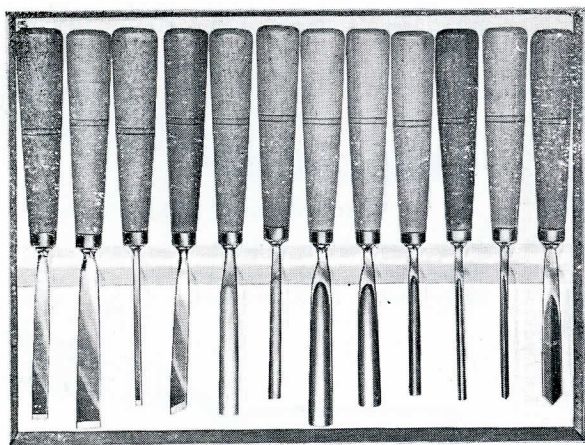


# COMPLETE SETS OF WOODCARVING TOOLS

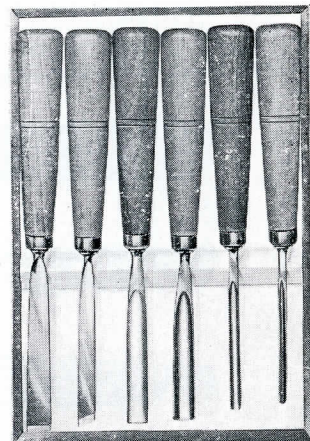
For School Shops, Institutes, Art Schools, Sculptors, etc.



Set. No. 1 One of our most complete sets. 16 fine imported professional tools for all around work. Bevel ground, not sharpened. Sharpen and hone to suit your personal preference. Number of tools and widths are, Chisel No. 1 18 mm, 10 mm, 3 mm, Skew chisel No. 2 10 mm, Gouges No. 4 12 mm, No. 5 5 mm, No. 6 10 mm, No. 7 12 mm, No. 10 5 mm, No. 11 3 mm, No. 17 12 mm, No. 19 12 mm, Spoon chisel No. 21 6 mm and 10 mm. Parting (V) tools No. 41 3 mm No. 39 6 mm. All have octagon hardwood handles. Price of complete set of 16 tools is \$41.85

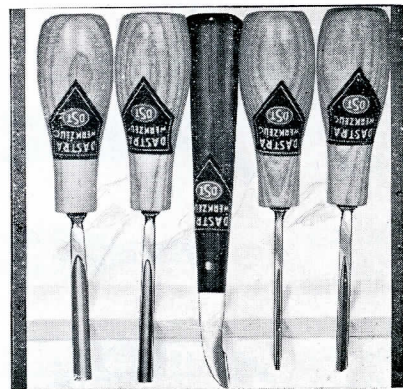


Set No. 4 Twelve tools, neatly boxed for convenience. All have round hardwood handles. Set consist of Chisels No. 101 12 mm, 6 mm, 3 mm. Skew chisel No. 102 8 mm, Gouges No. 104 10 mm, 5 mm, No. 105 12 mm, 10 mm, 6 mm, 3 mm. V tools No. 106 10 mm and 3 mm wide. Sharpened, need only honing for keen edge. Price of the complete set of 12 tools is \$27.60



## Set No. 5

Six tools in serviceable box. Round hardwood handles. Set consists of Chisel No. 101 12 mm. Skew Chisel No. 102 8 mm, Gouges No. 104 10 mm, No. 105 10 mm, 3 mm and V tool No. 106 3 mm wide. Sharpened need only honing for keen lasting edge. Complete set, 6 tools boxed \$13.80



## Set No. 6—Block Cutting Tools

For the beginner, gunsmith student, manual training schools and handy craft clubs, the above illustrated, very practical set of tools has been assembled. This set of basic tools, consist of Contour Knife #212, Gouges No. 204, 6 mm; 205, 4 mm; 208, 1 mm and V tool #209, 2 mm. Set, supplied in an attractive carton. Complete set, boxed \$8.10



## Sets of Woodcarving Tools

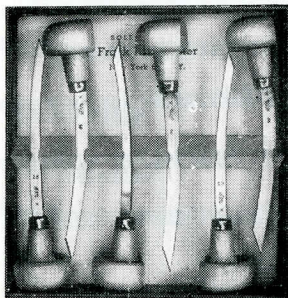
Sets No. 8, 9 and 10 come in durable plastic bag. Cutting edges well protected. These are ideal sets for students to carry them to and from school.



Set No. 8

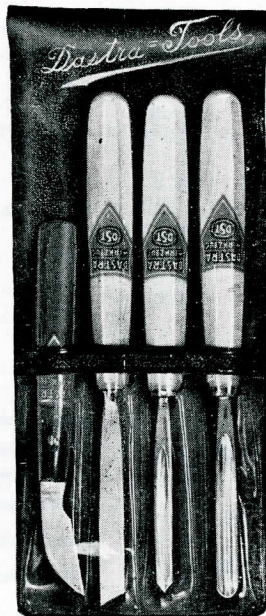
Consists of six sharpened tools ready for honing plus high quality oil stone.—2 Chip carving knives, Skew Chisel No. 2 10 mm. Gouge No. 105 8 mm. Gouge No. 107 1 mm, Parting (V) tool No. 106 6 mm wide. Hardwood octagon handles. A real utility set, handy for many purposes. Complete set, in plastic bag \$14.55

## Gravers for Wood Blocks



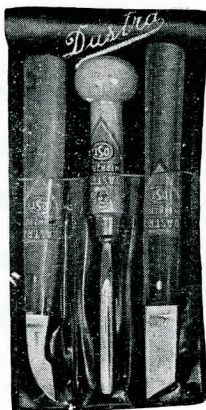
Gravers for wood engraving are slightly bent, for smoother engraving and less digging. This set of 6 gravers, consists of 2 Round #3 & 10, 2 Flat #2 & 10, Bevel #3 and Knife.

Price per tool \$1.00  
Price of Complete Set \$5.40



Set No. 9

This set has four tools, 1 chip carving knife, skew chisel 10 mm. Parting (V) tool 6 mm and Gouge 8 mm wide. Octagon hardwood handles. Sharpened, ready for honing. Complete set, in plastic bag only \$10.50



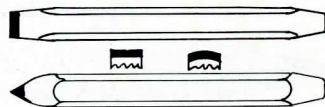
Set No. 10

Consists of 3 tools, 2 bench knives and 1 gouge 4 mm wide, with easy to use palm handle.

It is the perfect set for whittling and chip carving and useful on many odd cutting jobs.

Complete set, in plastic bag \$5.10

## Carbide Tipped Chisels

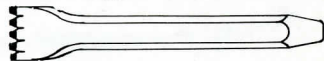


For granite carving and lettering, carbide tipped chisels are far superior to ordinary stone chisels. Cuts faster, stays sharp longer and outwears regular stone chisels many times.

Chisel sizes up to 12 mm are in straight and rounded edge available, larger sizes in straight edge only. Prices are per tool, sizes in mm.

4 mm	6 mm	8 mm	10 mm
\$3.95	\$4.50	\$ 5.25	\$5.85
12 mm	14 mm	16 mm	18 mm
\$6.75	\$7.50	\$8.50	\$9.95
Pointed Chisel			Scriber
14 mm	16 mm	18 mm	
\$6.50	\$7.75	\$9.95	\$3.45

## Carbide Tipped Toothed Chisels



For smoothing surface of marble and semi-hard stones

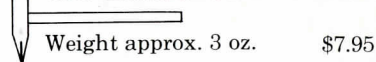
Width 10mm Teeth 3	\$ 7.75
Width 14mm Teeth 3 or 4	9.65
Width 18mm Teeth 4 or 5	11.90

## Carbide 3 Edged Hand Drills



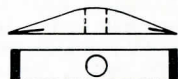
Size 3.5 mm	\$5.00
Size 5 mm	5.25

## Tile Hammer Carbide Insert



Weight approx. 3 oz. \$7.95

## Mosaic Hammer



Both ends with carbide insert dimensions and weights approx.

Face	Length	Weight	
1.18"	5 1/2"	1-1/10 lb.	\$17.75
1.25"	6 1/2"	1-1/2	25.00

For best results, hold the tool firm to the material. Tool bouncing may shatter the carbide insert. Do not drive the tool into the material, just chip away. On chisels and pointed tools use a hammer of 3/4 to 1 1/4 lb weight and hit the tool lightly. On 3 edged drills use a 6 ounce hammer, again light blows only. Dull tools are sharpened best on a crystalon wheel with med. grit. Avoid overheating the tool. Do not cool tool by dipping into water, use airstblast or lay down on cold or wet surface.

Ground right Ground wrong



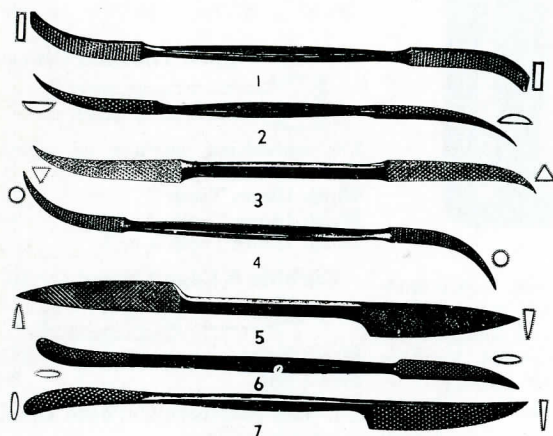
## Cabinet Rasps



An important and much used tool by all woodworkers is the cabinet rasp. To fill the requirements of cabinet, pattern and model makers, gunsmiths, wood carvers and sculptors, several sizes and in cuts — smooth and dead smooth are carried in stock. The 12" rasp is available in coarse cut too.

5½"	¾" x 3/16"	each	\$1.50	\$2.25
7"	13/16" x ¼"	each	2.30	3.10
8"	1 3/16" x 13/64"	each	2.40	3.25
10"	1 5/16" x 7/32"	each	3.30	3.90
12"	1 7/16" x 7/32"	each	4.20	4.80
12"	1 7/16" x 7/32"	coarse cut		3.00

## Rasp Rifflers



A widely used rasp is the rasp riffler. With a rasp on each end, a formed center for firm hold, it is the most versatile rasp for hundreds of jobs, be they on flat, round, concave or odd shapes — which can not be reached and done with a cabinet or round rasp. In one shape or another, the rasp riffler can be used in every cabinet, model, boat, pattern or gunshop and in every sculptor's studio and manual training school.

Of the many shapes and combinations of shapes, those illustrated have proved to be the most practical ones for all-around rasp work, regardless in what line of woodworking one is active.

Overall length 7", rasp end about 2", smooth cut only.

Price of each rasp riffler.....\$ 2.85

Price of set of 7 rasp rifflers..... 19.50

## Surform Cutting Tool



The fastest cutting tools for wood, plastic, etc., and metals up to the hardness of mild steel.

Surform Round File .....\$2.95

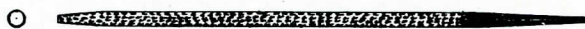


Surform Flat File .....\$4.75

Replacement blade for round file .....\$1.65

Replacement blade for flat file .....\$1.65

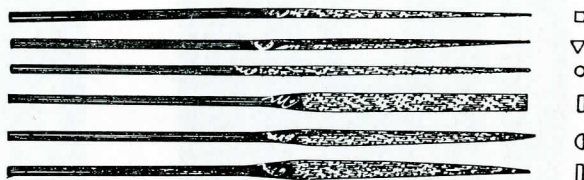
## Round Rasps



Like cabinets rasps, the round ones are needed in all types of woodworking. Round rasps are of great help in making grooves bedding and recessing of parts in pattern and model making, shaping of gunstocks, musical instruments carved and sculptured figures, enlarging and correcting of holes and slots.

Length	Approx. Size		Cut Smooth	Dead Smooth
6"	5/32"	each	\$1.80	\$2.10
8"	1/4"	each	2.25	2.70
10"	3/8"	each	2.85	3.60
12"	1/2"	each	3.75	4.85

## Needle Rasps



For small and delicate work in model and pattern making, inletting of gunstocks, on carvings and sculptures needing final touch-ups, and on innumerable different jobs requiring the use of a small rasp. Overall length 7" with an approximate rasp length of 3½". Have a smooth cut and the shapes are knife, half round, flat, round, triangle and square.

Price each rasp .....\$1.35

Set of 6 rasps ..... 8.00

## Large Rasp Rifflers



No. 9 and 10 length 11"

@ \$3.90

No. 11, 12 and 13 length 12"

\$4.80



## File Rifflers



For smooth finishing and detail work on carvings, wood and marble sculptures, plaster molds and metal castings, these rifflers are indispensable.

Length approx. 6 3/4" ..... Price each \$2.25

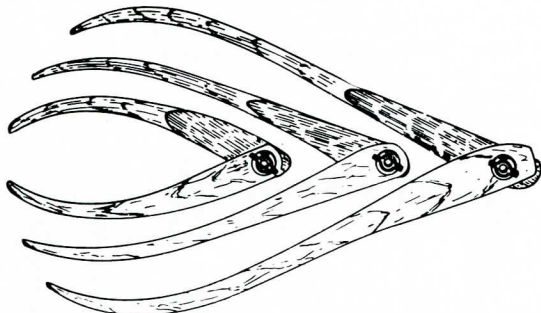
## T.C. Rod Saw



Rod is permanently bonded with hundreds of Tungsten Carbide particles. Will cut through hardened steel, glass, ceramics. **Ideal for slicing marble.** Will fit any 12" hacksaw frame.

T.C. Rod Saw, 12" long ..... Price each \$2.00

## Hardwood Calipers



Carefully hand-crafted out of imported hardwoods. Adjustable for light to heavy tension. Deep throat for maximum use. Cadmium plated bolts and wing nuts with stainless steel washers.

7" ..... @ \$1.50  
10" ..... @ \$2.00  
12" ..... @ \$3.00

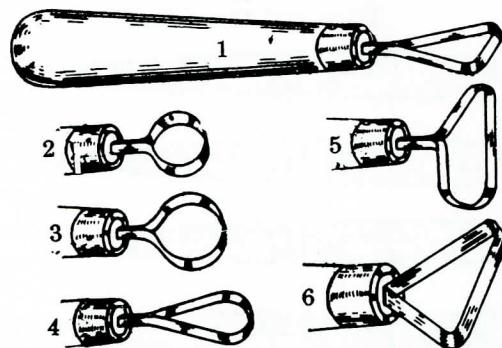
## Sculptors Thumb



Permits thumb and index finger strokes without any loss of dexterity. Carefully formed for long life of rare imported hardwood.

Price ..... @ \$ .85

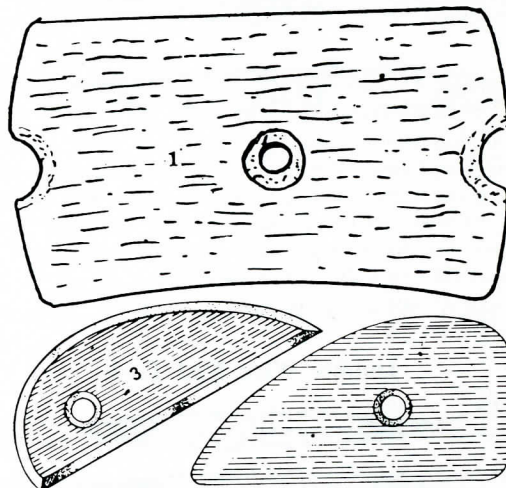
## Loop Tools



These tools incorporate the basic designs preferred by both professional and amateur. The spring tempered steel shapes are set firmly in a hand fitting hardwood handle.

Price (order by number).....@ \$ .85

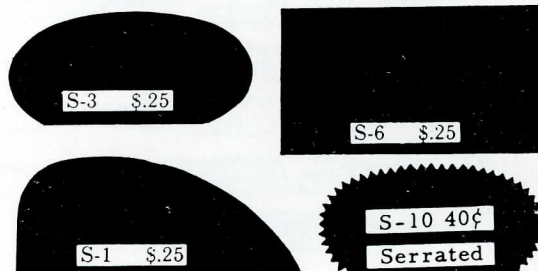
## Rib Tool



Another basic form used by potters and sculptors in clay. This popular pattern is handmade and finished in our own plant using the finest imported South American hardwood adaptable for this purpose.

No. 1 \$ .90 No. 2 and 3 @ \$ .75

## Flexible Steel Scrapers



These tools combine the basic popular shapes used in the wire tools except that clockspring tempered steel ribbon is adapted for sturdy use in cutting and slicing clay work.

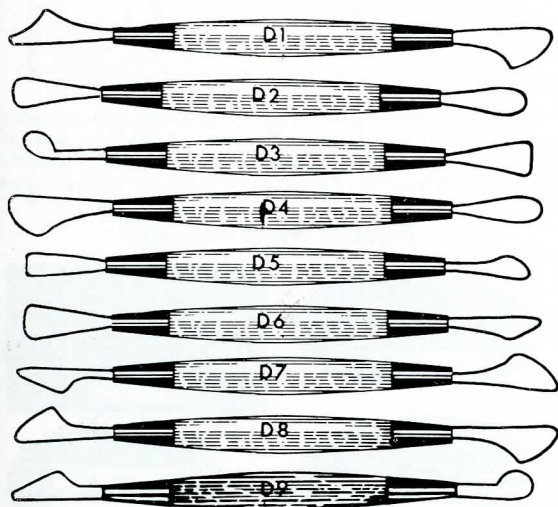
### Wire and Wood Tools



Combination 5" and 6" wire and wood modeling tools for delicate detail ceramic and sculpture work. Wood portions are made of the same rare wood as the all wood tools. All hand rubbed "Rigotty" finish. Wires are hardened, high carbon spring steel set immovably in solid brass ferrules.

5" and 6" Wire and Wood Tools.....@ \$ .80

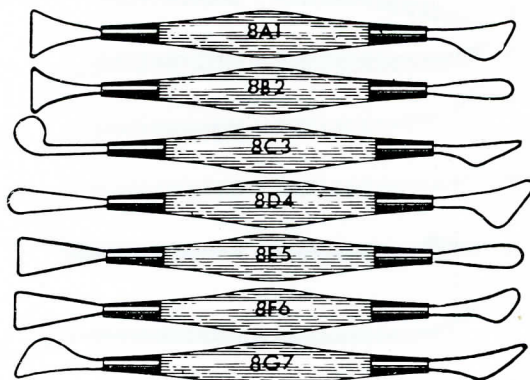
### Double Wire End Tools



Universally popular 6" length. Wires are hardened, high carbon spring steel locked in solid brass ferrules. Handles are domestic hardwood, machine turned and carefully finished.

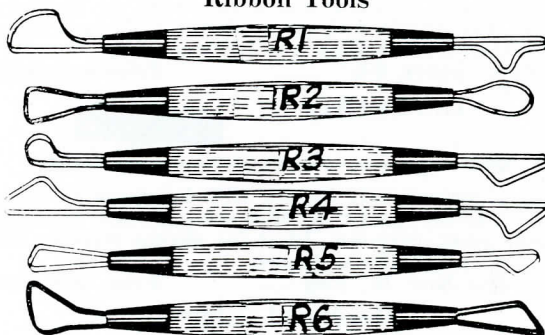
6" Double Wire End Tools.....@ \$ .80

### 8" Heavy Duty Double Wire-End Tools



8" Double Wire End Tools.....@ \$1.60

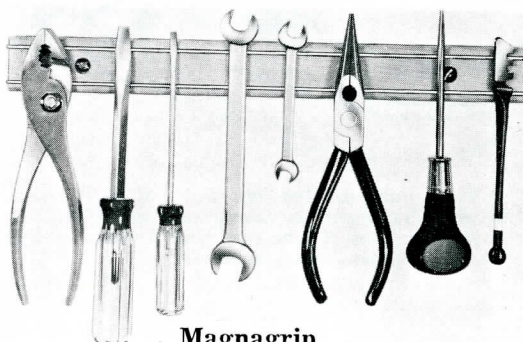
### Ribbon Tools



Brass ferruled ends hold the shapes firmly in a hardwood handle, tapered and shaped for easy manipulation and control.

6" Ribbon Tools .....@ \$ .80

8" Ribbon Tools .....@ \$1.10



### Magnagrip

Magnagrip instantly grasps or releases any steel hand tool or instrument. Is quickly installed where needed. Requires no special hooks, eyes, pins or lugs. Magnagrip will hold an assortment of files, rasps, chisels, screw drivers, etc. Has a 1" wide — permanently magnetized — gripping track and comes in 12", 18" and 24" lengths. Can be cut and fitted to any length required.

Length	12"	18"	24"
Price	\$3.50	\$5.25	\$6.95



# CERAMIC TOOLS



## Cleaner Tool

Designed to reach the bottom of greenware vases, jars and other deep containers. This tool has a flexible steel spring cutting blade to smooth and cut small bubbles of clay. The other end has a flat ribbon tool loop. Both ends are brass ferruled set in long hardwood handle.

Price .....@ \$ .95



## A2 Cleaner

One end has flattened spring tempered steel loop, the other end has the popular utility double edged curved blade of stainless steel.

Price .....@ \$ .85



## K24 Clean-Up Tool

Both ends of Stainless steel set in hardwood handle.

Price .....@ \$ .85



## K23 Clean-Up Tool

Tool has curved sgraffito and clean-up point and a sharpened double edged high carbon steel blade.

Price .....@ \$ .85



## AB Combination Lace and Sgraffito Tool

Has stainless steel spoon back knife and needle point insertel in hard maple handle.

Price .....@ \$ .65



## Potters Knife

Heavy Duty cut-out tool. Stainless steel blade in long tapered hardwood handle.

Price .....@ \$ .75



## K26 Finger Tool

Designed for cleaning and shaping fingers and hands of greenware figurines.

Price .....@ \$ .75



## L Detail Carving Tool

Designed for fine detail carving. Curved blade precision ground, set in hardwood handle.

Price includes container case .....@ \$1.00



## S Detail Carving Tool

Precision ground cutting edge for the most minute and lighter work.

Price includes container case .....@ \$1.00



## B3 Clean-Up and Sgraffito Tool

Both ends stainless steel knives, sharpened and polished for easy cutting.

Price .....@ \$ .85



## K21 Lace Tool

Ideal for lace draping, fine line sgraffito and incising work, as well as clean-up work.

Price .....@ \$ .75



## K34 Trimmer Knife

Designed for special trimming work and detailed cut-through designs in greenware. Set in hardwood handle.

Price .....@ \$ .50



## Pro Tool

With a heavy tough needle for cutting clay strips or designs in clay. Knurled aluminum handle.

Price .....@ \$ .75



## Cut-Out Tool

For cut-out work in WET clay and greenware. Double edge blade set firmly in heavier hardwood handle.

Price includes container case .....@ \$ .60



## K31 Zig-Zag Saw

Will cut in any direction, pressure is applied on greenware without turning the handle.

Price K31 .....@ \$ .50



## Sabre Saw

A straight blade heavy duty saw blade set firmly in a hardwood handle.

Price .....@ \$ .60



## K33 Spongette Tool

Soft cellulose sponge, set on hardwood stick and hardwood handle.

Price .....@ \$ .35



## Palette Knife

2 1/2 inch blade. Price .....@ \$ .75




## Fettleing Knife

With hard or soft blade, please specify.


Price .....@ \$ .75

## Imported German Steel Plaster Tools


Illustrated shapes and listed sizes are those preferred by amateur and professional sculptors.




No. 303	Width	5 mm	Length	7"	\$3.25
	"	8 mm	"	7"	
	"	10 mm	"	7 1/4"	
	"	12 mm	"	7 1/4"	
	"	16 mm	"	7 1/2"	




No. 304	Width	4 & 6 mm	Length	7"	\$3.10
	"	6 & 8 mm	"	7 1/4"	
	"	14 & 16 mm	"	7 1/2"	




No. 305	Width	4 & 6 mm	Length	7"	\$3.60
	"	8 & 10 mm	"	7 1/4"	
	"	12 & 15 mm	"	7 1/2"	
	"	18 & 22 mm	"	7 1/2"	
	"	25 & 30 mm	"	7 3/4"	




No. 306	Width	4 & 6 mm	Length	7"	\$3.10
	"	8 & 10 mm	"	7 1/4"	
	"	12 & 15 mm	"	7 1/2"	
	"	18 & 22 mm	"	7 1/2"	




No. 307	Width	4 & 6 mm	Length	7"	\$3.10
	"	8 & 10 mm	"	7 1/2"	
	"	12 & 14 mm	"	8"	




No. 308	Width	10 & 12 mm	Length	8"	\$3.10
	"	12 & 15 mm	"	9"	
	"	15 & 18 mm	"	10"	




No. 309	Width	6 & 6 mm	Length	7"	\$3.10
	"	8 & 10 mm	"	8"	
	"	10 & 12 mm	"	9"	



No. 310	Width	4 & 6 mm	Length	4 3/4"	\$3.10
	"	8 & 10 mm	"	5"	
	"	10 & 12 mm	"	5 1/2"	




No. 311	Width	8 mm	Length	8 3/4"	\$4.35
	"	10 mm	"	8 3/4"	
	"	14 mm	"	9"	




No. 312	Width	8 mm	Length	8"	\$3.80
	"	10 mm	"	8"	
	"	12 mm	"	8"	


When blades of a tool are of the same width, only one dimension is given. When blades of a tool are of a different width, both dimensions are given.




No. 313	Width	4 & 6 mm	Length	6"	\$3.10
	"	8 & 10 mm	"	6 1/4"	
	"	12 & 14 mm	"	6 1/2"	



No. 315	Width	8 mm	Length	7"	\$4.35
	"	10 mm	"	7"	
	"	14 mm	"	7"	
	"	18 mm	"	7 1/4"	



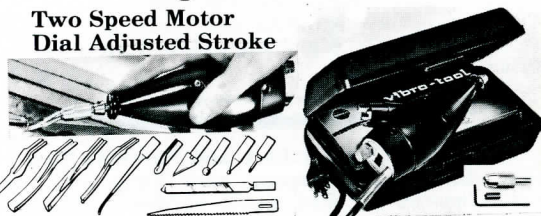
No. 316	Width	10 mm	Length	6 1/4"	\$3.10
	"	15 mm	"	6 1/2"	
	"	20 mm	"	7"	



No. 319 Knife					\$3.25
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## Burgess Vibro Tool

Two Speed Motor  
Dial Adjusted Stroke



The V-88 tool has a 2 speed motor, delivering 3600 and 7200 strokes per minute, has dial adjusted stroke depth from zero to 1/8". Set screw chuck will hold accessories with shaft diameter of 7/32" and adapters for tools with 1/8" and 1/4" shaft. The supplied 12 accessories enable the whittler and hobbyist to engrave toughest metals, saw and carve wood, decorate glassware, file metals, cut light materials and tool leather. Motor is powerful enough to do tough jobs.

V-88 features motor control switch, heavy duty 6 ft cord and comes in molded plastic case.

V-88-M with 12 accessories, price \$28.00

## Glass Gravers



Glass engraving has become a widely practiced art by hobbyist and artists. Inexpensive glassware can be engraved from simple initials to beautiful designs. No special workbench needed, you can do it on your kitchen table. Glass gravers diamond or carbide point has the shape of a 4 or 6 sided pyramid.

Diamond	4 sides	\$50.00	6 sides	\$65.00
Carbide	4 sides	\$32.00	6 sides	\$38.00

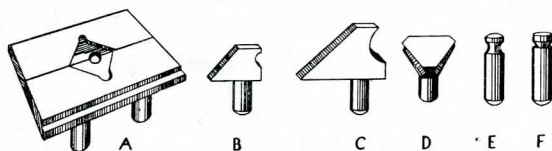
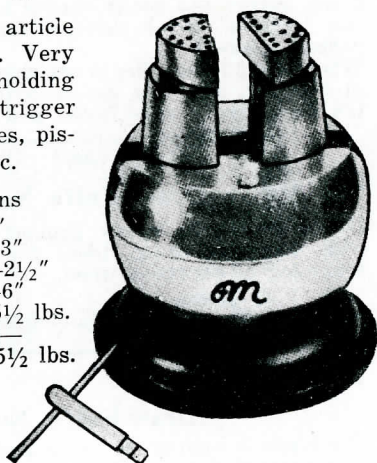


## Engraving Block

For holding the article to be engraved. Very practical for holding floorplates, trigger guards, buttplates, pistol grip caps, etc.

### Specifications

Dia. of Base—5"  
Travel of jaws—3"  
Depth of jaws—2½"  
Height overall—6"  
Wt. of block—15½ lbs.  
Weight of block—15½ lbs.



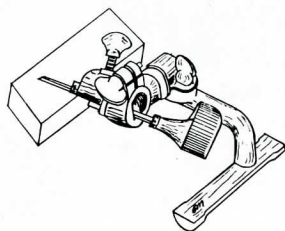
## Attachments For Engraving Blocks

Individual shapes for Fig. 93-4

A — Set of 2    C — Set of 4    E — Set of 4  
B — Set of 4    D — Set of 4    F — Set of 4

The price quoted below includes leather pad and a set of attachments. The attachments furnished with every block, are practical and well made.

Price, complete ..... \$82.75



### Crocker

#### Graver Sharpener

Will sharpen tools at all angles and can be used for facing graver flat on cutting edge. Saves time as well as giving the the engraver perfect tools to work with.

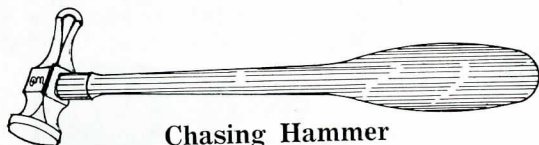
Price ..... \$ 9.25

### Graver Sharpener



This inexpensive but practical sharpener runs on the oilstone. Tools can be sharpened at most angles.

Price ..... \$ 4.25



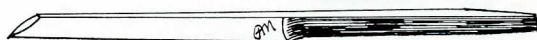
### Chasing Hammer

2 sizes of the special designed chasing hammer are in stock.

Price No. 1—22 mm Ø—with handle, each.....\$3.25

No. 2—28 mm Ø—with handle, each.....\$3.75

## Engraver Chisels



Sculpturing in steel, bas-relief engraving as on medallions and guns, cleaning and finishing of cast sculptures — mostly done with chisel and hammer — requires heavier tools than the regular gravers.

The selected 10 chisels, — 3 flat, 3 round, and 4 ongles in different thicknesses — are the shapes which an experienced engraver can do some of the most artistic engraving. Besides gun engraving, the chisels are used in die-sinking, where much of the intricate work has to be done with the chisel. Made of first class tool steel, proper hardened and tempered.

Set of 10 chisels

\$17.25

Individual chisel, each

\$ 1.85

## Gravers



Gravers are available in regular tool steel and in high speed steel. For soft metals, like copper, brass, silver and gold and for plastic materials, the regular tool steel gravers are adequate. For gun engraving, steel plate engraving and die sinking the HSS gravers are preferred.

Prices: Gravers—tool steel - each ..... \$ .95

Gravers—high speed steel - each.....\$2.45



Flat

2, 4,  
6



Knife

2, 5,



Bevel

1, 2,  
5



Square

1, 2,  
3



Onglette

1, 3,  
7



Round

1, 3,  
5, 8



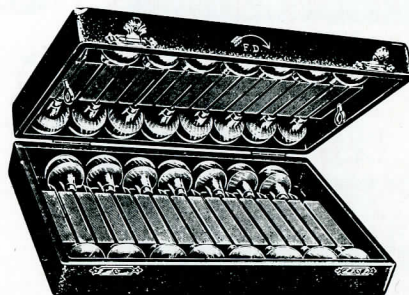
Oval

2, 4,  
6

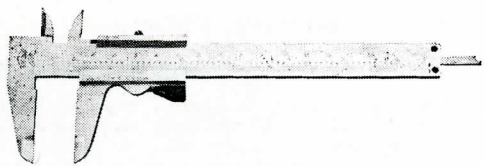
Lining gravers for shading work are in following numbers 18, 20 and 26 available. All in 6 lines per tool.

Price, each ..... \$ 2.45

## Graver's Set



Set of 30 gravers—tool steel—consisting of 7 flat, 7 round, 5 onglette, 3 oval, 1 bevel, 2 knives, 3 lining and 2 double round, handles attached, individual spaced in a well made case, only \$48.50

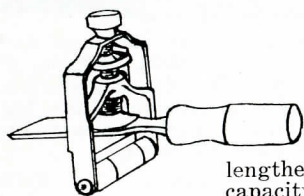


### Precision Vernier Caliper

For inside, outside and depth, with both metric and inch scales. 1 mm with vernier 1/20 mm. Inch: .025" with vernier .001". Overall length 8", capacity 5 1/2". Dull chromed scale for easy reading. For taking instantly accurate measurements up to 5" or 150 mm on layouts, patterns, molds and castings. The quick change vernier caliper is an indispensable tool when preparing work for the foundry.

Made in West Germany to the specification DIN 862. Available in chrome and stainless steel. Supplied with wooden case.

Price: Chrome steel ..... \$17.75  
Stainless steel ..... \$20.75

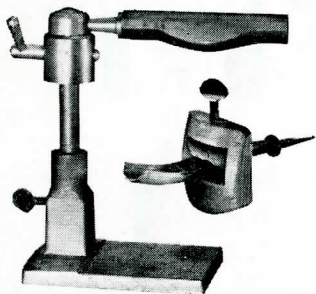


lengthens life of chisel. Blade capacity 2 1/2". Price.....\$5.50

### Chisel Sharpener

A simple positive device for honing chisels and plane irons at any degree angle. More accurate than free hand honing, and lengthens life of chisel. Blade capacity 2 1/2". Price.....\$5.50

### Gouge and Chisel Grinding Fixture



ture consisting of stand and tool holder — instructions on how to use with each fixture \$17.75

The FM tool holder and stand for sharpening gouges, chisels and V tools on the bench grinder, enables one to get the proper cutting angle — 12° to 15° — the full size — up to 1 1/4" width — of the carving tool, whether they are straight or long, spoon or backbend.



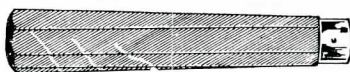
#### Round Handle

Size	Diam.	Ferrule	Price
No. 1	15/16"	1/2"	@ \$ .21
No. 2	1"	9/16"	@ \$ .24
No. 3	1-1/16"	5/8"	@ \$ .27
No. 4	1-3/16"	3/4"	@ \$ .30



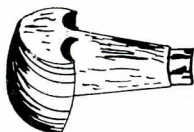
#### Pattern Maker Handle

Size	Diam.	Ferrule	Price
No. 1	1-1/32"	7/16"	@ \$ .36
No. 2	1-1/8"	7/16"	@ \$ .39
No. 3	1-3/16"	3/4"	@ \$ .45
No. 4	1-5/16"	27/32"	@ \$ .48



#### Octagon Handle

Size	Diam.	Ferrule	Price
No. 1	3/4"	1/2"	@ \$ .30
No. 2	7/8"	5/8"	@ \$ .33
No. 3	1 1/16"	3/4"	@ \$ .36
No. 4	1-1/16"	7/8"	@ \$ .39



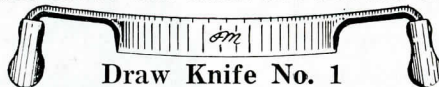
#### Graver Handles

2 sizes carried in stock.	
No. 7—1 5/16" Ø 1 1/2"	each \$ .18
No. 8—1 5/16" Ø 1 3/4"	each \$ .18

### Draw Knife - Spoke Shave

Draw knives and spoke shaves belong to the essential tools of wood carvers, sculptors, model and pattern makers.

Wherever it is possible to use these time saving tools in shaping, finishing or removing excessive wood, the work can be done faster and with less effort.



#### Draw Knife No. 1

Dropped forged, hollow ground blade, about 1 1/2" wide and 8 1/2" long. Ideal for shaping and fast removing of excessive wood. Price @ \$5.50



#### Draw Knife No. 2

The blade is approx. 5/8" wide and 6" long. This size is preferred for cleaning, finishing and on curved surfaces. Price @ \$5.00



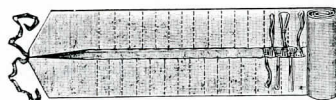
#### Spoke Shave No. 1

All steel, straight blade 2" wide. Price \$3.95



#### Spoke Shave No. 2

All steel, radius blade 1 1/2" wide, straight blade 1 3/8" wide. Price \$4.50



#### Tool Roll

To protect sharpened carving tools from damage or doing damage, when stored or transported from job to job, the tool roll is the ideal container. Made of strong canvas cloth, it holds 24 tools, each in separate pocket. Price .....\$4.80



#### Cabinet Maker & Carpenter Handles

Leather capped with steel band.

Size	Diam.	Ferrule	Price
No. 1	1-1/32"	15/16"	@ \$ .48
No. 2	1-1/4"	3/4"	@ \$ .50
No. 3	1-5/16"	13/16"	@ \$ .55
No. 4	1 9/16"	1 1/16"	@ \$ .65



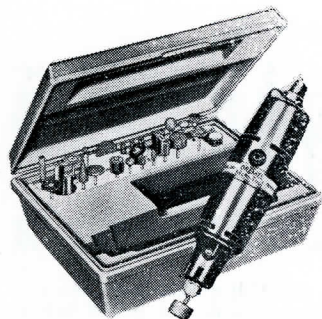
#### Carver's Mallet

Lignum Vitae, 18 oz.	@ \$3.60
Lignum Vitae, 24 oz.	@ \$3.90
All tool handle sizes are approximate.	



## Dremel Moto-Tool

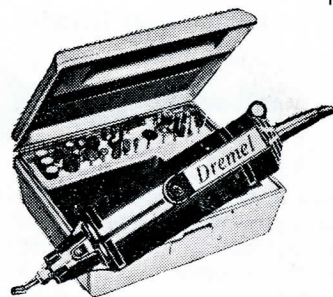
15



30,000 R.P.M.

Constant-Torque

Permanent Magnet Motor



### Model No. 261 Moto-Tool Kit

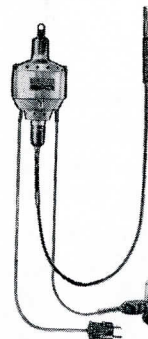
Where intricate designs must be engraved or carved, with pinpoint accuracy, without chatter marks, delicate castings or molds highly polished, the palm-size super compact constant torque Moto-Tool is the answer.

Speed 30,000 rpm, .5 amp., 115 V, 60 cycle AC; shockproof housing; 6 ft., 3 conductor cord; oil impregnated bronze bearings; 1/8" collet; length 6 1/2", diam. 1 1/2", weight only 9 ounces.

Price: No. 261 Moto-Tool Kit including 34 accessories in molded Polythelene case. \$32.95

No. 260 Moto-Tool. Only with 1/8" collet. \$22.95

### Rotaflex



The Rotaflex flexible shaft machine, with its universal motor, 110V, .90 Watts (1/8 H.P.) no load 14,000 RPM, foot operated rheostat for speed control, highly flexible shaft and ball-bearing hand piece, has the speed, power and wheel-feel so essential for fully utilizing today's available high speed cutters and grinding wheels.

Rotaflex: Complete with motor, foot rheostat, flexible shaft and TH-SZ handpiece with 1/8" and 1/4" collet. Price \$175.00  
Rotaflex machine without rheostat. Price \$135.00

The usefulness of the Rotaflex is further increased by using the available Right Angle and the Engraving handpiece. All handpieces are quickchange, no time lost in exchanging. For better feel and control, handpieces turn independently of shaft.



### TH-SZ Handpiece

A light weight dependable ball bearing handpiece, handles like a pencil at speeds up to 35,000 r.p.m. Specifications: Quick change, ball bearings 2, length 5 1/2", weight 4 oz., collet capacity 1/4".

Price. TH-SZ with 1/8" and 1/4" collet, wrench. \$37.50



### Chisel Handpiece

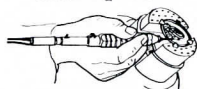
This chisel handpiece is ideal for medals die-sinking, sculpture chasing and engraving.

With 3 different stroke lengths and recommended speed between 6000 and 8000 strokes per minute, large and intricate designs can be ziselirt, chased and engraved. Weight 3 oz., length 5 1/2".

Chisel handpiece with 2 chisels.....\$29.50

Extra Chisels Hardened.....each \$ 3.25

Not Hardened Chisel Blanks.....each \$ .90



### Right Angle Handpiece

Indispensable in filing, grinding, carving, polishing of intricate shapes and inside of cylinders and molds. Further advantage is the telescoping feature, which lengthens the handpiece to 9 1/2" to read deep into casting dies.

Specifications: Quick change, telescoping shaft, 1 needle and 2 ball bearings, length reg. 6 1/2" extended 9 1/2", weight 5 1/2 oz.

Price: Right angle handpiece, including one 3/32" and one 1/8" collet and 2 wrenches.....\$44.50

### Model 271 Moto-Tool

Super-Powered compact grinder, constant torque motor, permanent magnet. Dynamic balanced to assure vibration free precision grinding. High speed — 30,000 rpm. — constant torque will not stall under normal load, means peak performance, with small mounted wheels and tungsten carbide burs.

Model 271 Moto-Tool, speed 30,000 rpm, length 7 1/4" diameter 1 13/16", weight only 11 ounces, has 3 wire grounding cord. Equipped with 1/8" collet, in molded plastic case. Operates on 110-120 V 60 cycle A.C. Will not operate on Direct Current.

Price, including 24 accessories. \$39.95

Model 270 Moto-Tool. Only with 1/8" collet \$29.95

### Model 280 Moto Tool

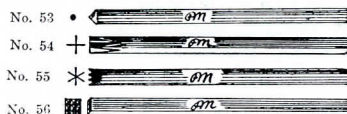
Same basic unit as Model 270, but with ball bearing construction. 30,000 RPM, .9 amp., 115 V AC. 6 foot 3 conductor cord. Full wave rectifier circuit (a miracle of solid state physics).

Model 280 Moto Tool with 1/8" collet, price \$39.95.

### Model 281 Moto Tool Kit

Ball bearing Moto Tool including 34 accessories in polyethylene case. Price complete \$49.95

### Stipling Tools



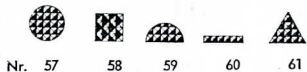
### Prices

No. 53

each \$ .75

No. 54 to 61

each \$1.65



Of the many different designs in matting and stipling tools manufactured, those illustrated are mostly used for stipling the background on scroll carvings, woodburnings, and in gunstock decorations done in place of the conventional checkering of pistol grips and forearms.



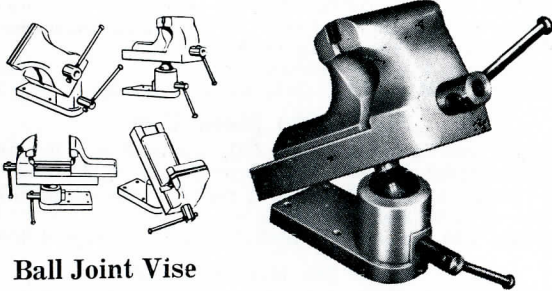
## High Power Grinder and Router



Built to do the tough jobs, the new Hi-Power router has more than enough power and performance to do the toughest routing, grinding and polishing jobs. To the sculptor it is the ideal router. Using the illustrated rotary rasps, much of the roughing out can be done faster and with less effort.

Specifications: Size, 11" overall, including chuck. Weight, 5 lbs., 10 ozs. 18,000 rpm. Ball bearing independently mounted lubricated for life. Forced ventilated hand piece. Universal Jacob chuck 1/4" capacity.

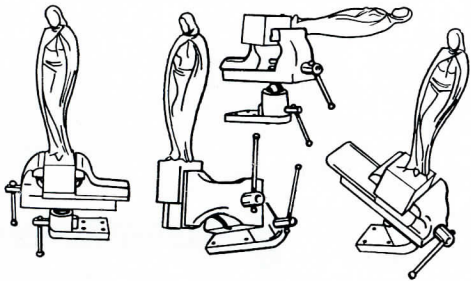
Price including 3 mounted grinding wheels \$69.50



**Ball Joint Vise**

A ball joint vise enables one to hold the workpiece at the most favorable working position, when sculpturing, carving, plaster retouching, grinding and polishing of castings, welding and soldering. Vises are of rigid design, rugged construction providing support for heavy pieces at any angle.

Jaws:	Width	Depth	Open	Weight	Price
No. 1	2 3/8"	1 3/4"	2 3/8"	7 3/4 lbs.	\$33.50
No. 2	3 1/8"	2-9/16"	3 1/8"	14 1/2 lbs.	\$39.50



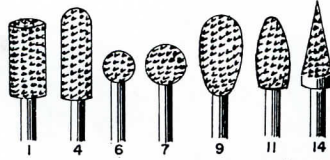
**Flexible Shafts**

**Rotaflex Flexible Shaft:** 42" long with quick change coupler for Rotaflex handpieces and 5/16" shaft end. Can be used on any drill press and hand drill with 3/8" chuck. Price: Flexible shaft, no handpiece...\$28.25

Motor coupling for 1/2" motor shaft.....\$ 3.50

Coupling for 1/4" chuck.....\$ 3.50

## Rotary Rasps



Rough contour shaping and done easiering can be speeded by using rotary rasps.

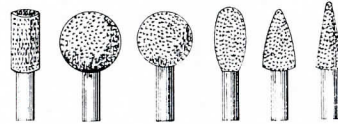
Let your router, flexible shaft or whatever you have do the rough rasping and save your energy for the finishing work.

Made of H.S. steel they come in coarse and fine cut, shank diam. 1/4"; rasp dimensions are listed below.

No.	Diam.	Length of Cut	Rotary Rasps Coarse Cut	Rotary Rasps Fine Cut	Ground Rotary Files
1	3/8"	1"	\$4.00	\$4.50	\$4.75
4	1/2"	1"	4.25	4.50	4.75
6	1/2"	1 1/2"	4.00	5.25	4.50
7	5/8"	5/8"	4.25	4.50	5.00
9	5/8"	1"	4.75	5.20	6.10
11	1 1/2"	1 1/8"	4.00	4.50	5.10
14	1 1/2"	1"	3.75	4.50	5.00

## Rotary Files

Ground from solid, H.S. steel. Ideal for wood, plastics and soft metals listed. Available in same shapes and sizes as listed rotary rasps.



**Stockmaker and Carver Set**

This set of smooth cut rasps is being used for removing excess material and smoothing of rough surfaces prior to final finishing.

Shank diam. 1/4". Rasp dimensions are listed below.

No.	Diam.	Length of Cut	Price	No.	Diam.	Length of Cut	Price
1	3/4"	3/8"	\$3.00	4	3/4"	3/8"	3.00
2	3/4"	3/4"	4.30	5	3/4"	3/8"	3.00
3	5/8"	5/8"	4.25	6	7/8"	3/8"	3.00

Price: Set of 6 Rasps.....\$19.50



**Forstner Bit**

It will bore any arc of circle leaving a true polished surface, it can be guided in any direction without regard to grain of wood or knots. Unlike other bits, the Forstner is guided by its circular rim instead of the center, which the reason for its adaptability in hard wood.

Size	Price	Size	Price	Size	Price
3/8"	\$5.35	5/8"	\$5.75	7/8"	\$5.95
7/16"	5.45	11/16"	5.80	15/16"	6.05
1/2"	5.65	3/4"	5.85	1"	6.10
9/16"	5.70	13/16"	5.90	1 1/8"	6.25

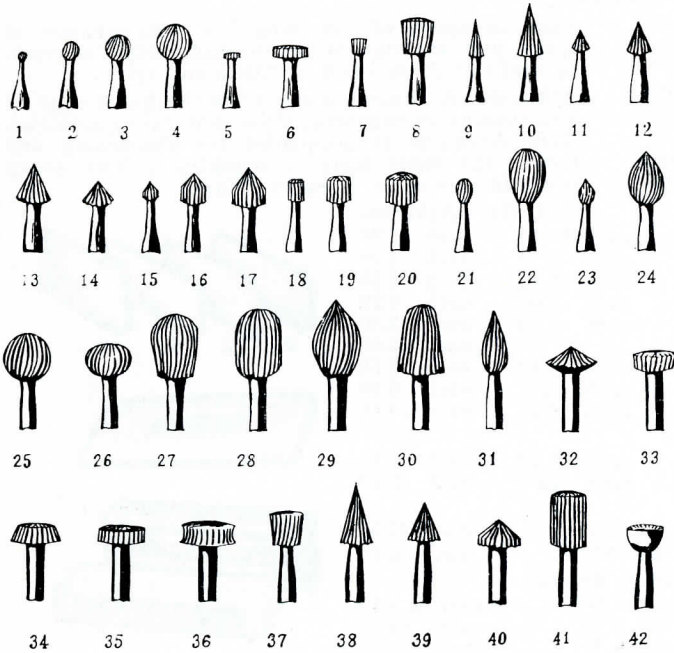
Approx. overall length is 5", shank is 1/2" Ø.



## HOW TO SHARPEN FORSTNER BITS

Take a hard three-cornered file, grind smooth at front end, thus making a three-cornered scraper (Fig. 1). Scrape inside of flange until sharp, and take off outside wire edge with oil-stone (Fig. 2). File cutters with small fine-cut file (Fig. 3).





## Burs

The usefulness and importance of burs in sculpturing, carving, engraving, model and experimental work is being more and more recognized in progressive studios, shops and by hobbyist and tinkerers.

The burs are made of tungsten steel, are properly heat-treated and can be used in wood, soft metals, ivory and plastics.

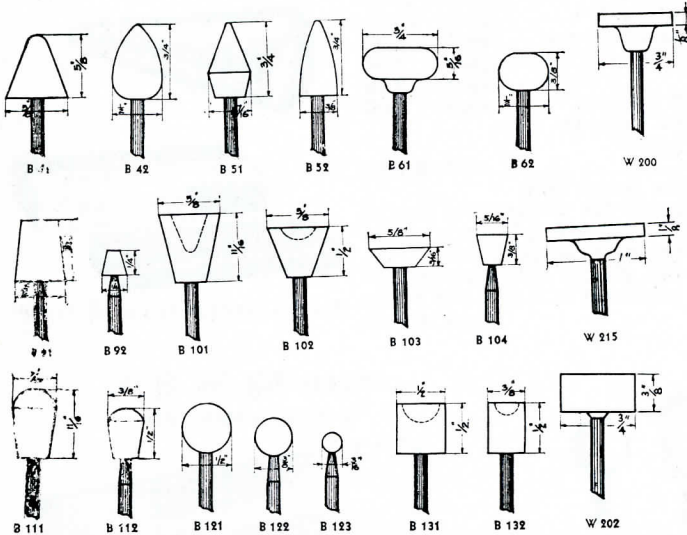
No.	Each	No.	Each	No.	Each
1	\$1.25	15	\$1.25	29	\$1.25
2	1.25	16	1.25	30	1.25
3	1.25	17	1.25	31	1.25
4	1.25	18	1.25	32	1.25
5	1.25	19	1.25	33	1.25
6	1.25	20	1.25	34	1.25
7	1.25	21	1.25	35	1.25
8	1.25	22	1.25	36	1.25
9	1.25	23	1.25	37	1.25
10	1.25	24	1.25	38	1.25
11	1.25	25	1.25	39	1.25
12	1.25	26	1.25	40	1.25
13	1.25	27	1.25	41	1.25
14	1.25	28	1.25	42	1.25

## Mounted Grinding Wheels and Points

The illustration shows 22 different shapes and sizes of mounted wheels and points for grinding, cutting, engraving and polishing of irregular and plain surfaces. An assortment of these wheels and points will be of great help in preparing and cleaning molds, retouching cast sculptures and engraving glass.

All wheels are mounted on  $\frac{1}{8}$ " shank and can be chucked in the Hi-power grinder, portable electric drill and Dremel Moto-Tool.

No.	Each	No.	Each
B 41	\$ .85	B 104	.75
B 42	.80	B 111	.80
B 51	.80	B 112	.75
B 52	.80	B 121	.75
B 61	.80	B 122	.75
B 62	.75	B 123	.70
B 91	.80	B 131	.60
B 92	.70	B 132	.60
B 101	.85	W200	.75
B 102	.80	W202	.75
B 103	.75	W215	.75

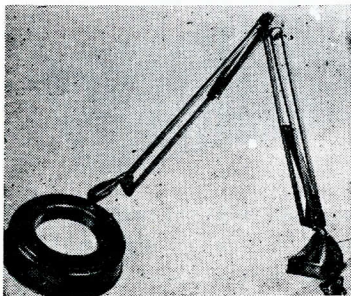


## Magna Flex Light

For engraving, carving of small figurines, painting of miniatures, piercing and sawing of filigrees it is important to have good lighting and magnification.

The Magnaflex's 5" crown glass, double convex optically ground lens with 13" focal length and a power of 3 diopter, gives distortion free magnification. The 22 watt circline Fluorescent tube supplies cool shadow free illumination, that minimizes eyestrain and fatigue. Complete flexibility assures maximum freedom of movement.

Model MF-200, as shown at left, fastens to desk with double bolt clamps. With 45" arm, focuses light exactly where wanted.



Price including fluorescent tube.....\$48.95

Model MF100 as shown on drawing at right has

26" E-Z swing arm, double bolt clamps.

Price including fluorescent tube.....\$43.55



## Oilstones

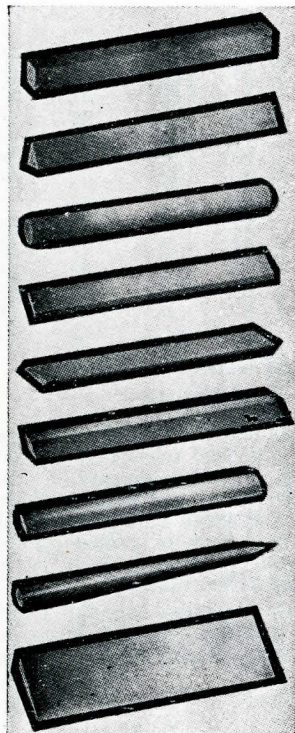
"A chisel is not better than its edge"

Time spent in learning "How to sharpen your tools" is as important as time spent in learning "How to carve." To sharpen and to keep cutting tools sharp, two different oilstones are being used. The India for sharpening, the Arkansas for honing.

India: Made from aluminum oxide by a process which produces stones unequalled by any artificial

stone in speed of cut, long life, maintenance of shape and smoothness of resulting edge on tool. Is available from stock in "Medium" grit.

Arkansas: A natural stone, gives the finest edge of any oilstone in existence, either natural or artificial. Hard Arkansas is unequalled for sharpening and honing the finest tools — requiring a keen sharp edge. Is carried in stock in "Hard".



	India	Arkansas
Square .....	each \$1.10	each \$1.90
Triangle .....	each 1.10	each 1.90
Round .....	each 1.40	each 2.30
Knife .....	each 1.60	each 3.20
Flat .....	each 1.80	each 3.00
Bevel .....	—	each 2.00
Diamond .....	each 2.10	each 3.60
Oval .....	each 1.80	each 3.00
Point .....	each 2.10	each 3.60
Carving Tool Slips		
No. 12, 22, 32, 42 .....	each 1.20	each 2.10
Engravers Pencil .....	each 1.60	each 2.70
Round Edge Slip		
India: 4 1/2" x 3/4" x 1 1/4" x 1/16" .....	each \$1.50	
Arkansas: 3" x 1 1/4" x 1/4" x 3/32" .....	each 5.00	

### Bench Stones

Hard Arkansas 4 x 2 x 3/8" .....	each \$ 8.10
" " 6 x 2 x 3/8" .....	each 11.60
" " 6 x 2 x 3/4" .....	each 18.30
" " 8 x 2 x 3/4" .....	each 23.50
Soft Arkansas—India 6 x 2 x 1" .....	each 6.90
India: Fine—Coarse 6 x 2 x 1" .....	each 3.60
" " 8 x 2 x 1" .....	each 3.50
India: Medium grit 8 x 2 x 1" .....	each 4.00
Slips for Cemented Carbide	
Fine, medium or coarse	
3 1/2 x 3/4 x 1/2" .....	each \$ 1.25

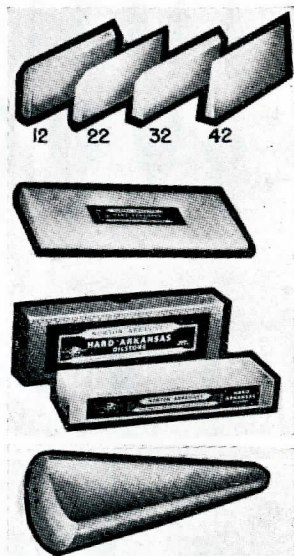
### India Gouge Slip

A universal sharpener for gouges and curved cutting edges. Sizes 6 x 2 1/2 x 3/8" .....

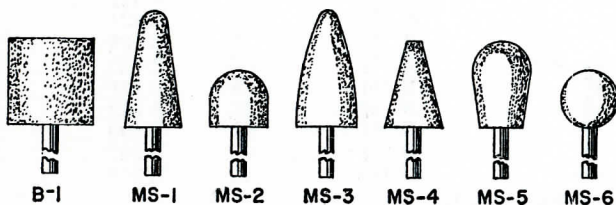
### Hard Arkansas Grooved Stone

Ideal for honing gouges and gravers. The four grooves are machined to 1, 2, 4 and 8 mm. Size 4" x 1 1/2" x 1/2" .....

Price \$10.50



Hard Arkansas Grooved Stone



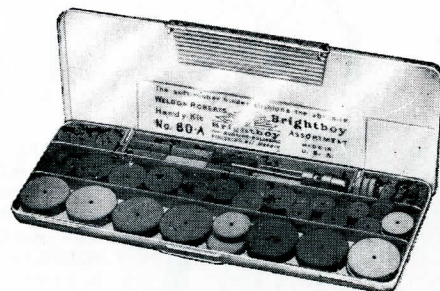
### Felt Bobs

For polishing of molds, castings, sculptures in metal, stone, wood or glass felt bobs are being used. Made of 100% wool felt, in medium hardness and attached to mandrel.

No.	Diam.	Face	Mandrel	Price Each	No.	Diam.	Face	Mandrel	Price Each
B -1	1/4	3/8	1/8	\$.55	MS-2	1	1	1/4	1.90
B -1	3/8	1/2	1/8	.65	MS-3	1/2	1	1/8	1.10
B -1	1/2	3/4	1/8	.85	MS-3	1	2	1/4	2.10
B -1	3/4	1	1/4	2.00	MS-4	1/2	3/4	1/8	.80
MS-1	1/2	1	1/8	1.10	MS-4	1	1 1/4	1/4	2.30
MS-1	1	2	1/4	1.95	MS-5	1/2	3/4	1/8	1.15
MS-2	1/2	1/2	1/8	.75	MS-5	1	1 1/4	1/4	2.10
MS-2	3/4	3/4	1/8	1.55	MS-6	1/2	1/2	1/8	1.15
					MS-6	3/4	3/4	1/8	1.65

### Handy Kit No. 80-A

in clear plastic case.



Assortment of small resilient rubber bonded abrasive wheels 1/2" to 1" diameter and cylindrical plugs with mandrel and chuck for mounting. Consists of following Bright-boy grades FT, ST, & TT. Price \$5.50



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The latest media and processes available.  
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Everyone interested in sculpture should subscribe to the magazine "National Sculpture Review." It is a quarterly and can be had through the National Sculpture Society, 250 East 51st Street, New York 28, N.Y. The review is a periodical by sculptors to spread the appreciation and knowledge of good sculpture. Every illustrated work is a masterpiece, every printed photo does justice to the artist's work and brings it alive.

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